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NOTICE OF ALLOWANCE AND FEE(S) DUE

22827

7500

09/17/2009

DORITY & MANNING, P.A. POST OFFICE BOX 1449 GREENVILLE, SC 29602-1449 EXAMINER

CHIN, PAUL T

ART UNIT PAPER NUMBER

3652

DATE MAILED: 09/17/2009

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/781,323	02/18/2004	Paul Mantz	AGXG-7	9445	

TITLE OF INVENTION: ENDEFFECTORS FOR HANDLING SEMICONDUCTOR WAFERS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	12/17/2009

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where n

maintenance fee notifica	ed below or directed oth tions. ENCE ADDRESS (Note: Use Bl	N F p	n of maintenance fees will be mailed to the current correspondence address correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, much as the other papers is sown certificate of mailing or transmission.				
22827		Ce	rtificate	e of Mailing or Transı	nission		
DORITY & M POST OFFICE I GREENVILLE,			I S a ti	hereby certify that that the tates Postal Service of difference to the Main and the Main and the Main are the	nis Fee(with suf 1 Stop	s) Transmittal is being fficient postage for firs ISSUE FEE address (1) 273-2885, on the da	deposited with the United t class mail in an envelope above, or being facsimile
							(Depositor's name)
							(Signature)
			L				(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENT	OR	ATTC	DRNEY DOCKET NO.	CONFIRMATION NO.
10/781,323	02/18/2004		Paul Mantz			AGXG-7	9445
TITLE OF INVENTION	: ENDEFFECTORS FOI	R HANDLING SEMICO	ONDUCTOR WAFERS				
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nonprovisional	NO	\$1510	\$300	\$0		\$1810	12/17/2009
EXAM	INER	ART UNIT	CLASS-SUBCLASS				
CHIN, F	PAUL T	3652	294-103100				
"Fee Address" ind PTO/SB/47; Rev 03-0 Number is required.		" Indication form ed. Use of a Customer	registered attorney or agent) and the names of up to				
recordation as set fort (A) NAME OF ASSIG	less an assignee is identi h in 37 CFR 3.11. Comp GNEE	ified below, no assignee oletion of this form is NC	e data will appear on the DT a substitute for filing (B) RESIDENCE: (CI	e patent. If an assign an assignment. TY and STATE OR (COUNT	TRY)	ocument has been filed for
Please check the appropr	iate assignee category or	categories (will not be p	orinted on the patent):	☐ Individual ☐ C	orporat	ion or other private gro	up entity Government
4a. The following fee(s) are submitted: ☐ Issue Fee ☐ Publication Fee (No small entity discount permitted) ☐ Advance Order - # of Copies			 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form). 				
**	s SMALL ENTITY statu	is. See 37 CFR 1.27.				TITY status. See 37 CF	FR 1.27(g)(2). e assignee or other party in
interest as shown by the	records of the United Sta	tes Patent and Trademar	k Office.	и ше аррпсані; а reg	isicied	anomey of agent; of th	c assignee of other party in
Authorized Signature				Date			
Typed or printed name				-			
This collection of inform an application. Confiden- submitting the complete this form and/or suggesti Box 1450, Alexandria, V Alexandria, Virginia 223	tiality is governed by 35 diapplication form to the tons for reducing this but irginia 22313-1450. DC	FR 1.311. The informati U.S.C. 122 and 37 CFR USPTO. Time will var rden, should be sent to the ONOT SEND FEES OR	ion is required to obtain of 1.14. This collection is y depending upon the interest Chief Information Off COMPLETED FORMS	or retain a benefit by estimated to take 12 dividual case. Any c licer, U.S. Patent and TO THIS ADDRES	the pub minute: ommen Trader S. SEN	lic which is to file (and s to complete, including ts on the amount of tin nark Office, U.S. Depa D TO: Commissioner f	by the USPTO to process) g gathering, preparing, and ne you require to complete utment of Commerce, P.O. For Patents, P.O. Box 1450,

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

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APPLICATION NO.	FILING DATE	FILING DATE FIRST NAMED INVENTOR		CONFIRMATION NO.	
10/781,323 02/18/2004		Paul Mantz	AGXG-7	9445	
22827 75	590 09/17/2009		EXAMINER		
DORITY & MA	NNING, P.A.	CHIN, PAUL T			
POST OFFICE BOX 1449 GREENVILLE, SC 29602-1449			ART UNIT	PAPER NUMBER	
			3652		
			DATE MAILED: 09/17/2009		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 2 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 2 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)					
	10/704 202						
Notice of Allowability	10/781,323 Examiner	MANTZ, PAUL Art Unit					
·							
	PAUL T. CHIN	3652					
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED or other appropriate comm IGHTS . This application is	in this application. If not include nunication will be mailed in due of	d course. THIS				
1. \boxtimes This communication is responsive to $\underline{5/29/09}$ and $\underline{6/23/09}$.							
2. X The allowed claim(s) is/are <u>1-7,9-17,19,33-40,42-46,101 a</u>	<u>nd 102</u> .						
 3. ☐ Acknowledgment is made of a claim for foreign priority unalled all blooms. a) ☐ All blooms. b) ☐ Some* clooms. certified copies of the priority documents have 2. ☐ Certified copies of the priority documents have. 	e been received.						
3. Copies of the certified copies of the priority do	cuments have been receiv	ed in this national stage applicat	ion from the				
International Bureau (PCT Rule 17.2(a)).							
* Certified copies not received:							
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		le a reply complying with the req	uirements				
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give			OTICE OF				
5. CORRECTED DRAWINGS (as "replacement sheets") must	st be submitted.						
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached							
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date	1) hereto or 2) to Paper No./Mail Date						
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date							
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t			back) of				
6. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT			lote the				
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5 Notice of	nformal Patent Application					
 Notice of References Cited (FTO-692) Dotice of Draftperson's Patent Drawing Review (PTO-948) 		Summary (PTO-413),					
,	Paper No	o./Mail Date					
3. Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date	/. ☑ Examiner	s Amendment/Comment					
4. Examiner's Comment Regarding Requirement for Deposit of Biological Material		s Statement of Reasons for Allo	wance				
VDALII T. CHINI	9.	<u>_</u> ·					
/PAUL T. CHIN/ Primary Examiner, Art Unit 3652							
. Timely Examinor, Art Offic 0002							

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR
 To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with J. Parks Workman on Aug 31, 2009

The application has been amended as follows:

The withdrawn claims 21-32 and 47-100 have been cancelled.

2. The following is an examiner's statement of reasons for allowance: Bacchi et al. '555 in view of Kurokawa '682 or Mori '218 does not suggest or teach a biasing member biasing the piston towards its retract position in combination with other structural limitations and Bacchi et al. '555 in view of Siniaguine '582 does not suggest or teach the emergency pins do not contact the wafer when the water is supported upon the support members in combination with other structural limitations.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PAUL T. CHIN whose telephone number is (571) 272-6922. The examiner can normally be reached on MON-THURS (7:30 -6:00 PM).

Application/Control Number: 10/781,323 Page 3

Art Unit: 3652

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saul Rodriguez can be reached on (571) 272-7097. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/PAUL T. CHIN/ Primary Examiner, Art Unit 3652